



## Flywheel Rotor Safe-Life Program



Dear Colleague:

The NASA Glenn Research Center and Air Force Research Laboratory are pleased to announce the formation of the Flywheel Rotor Safe-Life (FRSL) Working Group (WG).

We anticipate that the WG will meet two times annually at varying locations. The Aerospace Corporation is organizing the WG and will host the very first meeting. The meeting will be held June 12 and 13, 2001 at The Aerospace Corporation (Aerospace) in El Segundo, California. The tentative meeting agenda is enclosed for your information.

You will recall from The Aerospace Corporation's survey that the goal of the working group is to define the process (including design criteria, test requirements, analysis requirements, etc.) for certification of rotor assemblies in flywheel energy systems for aerospace application. The process needs to provide different levels of certification for different types of missions such as low-cost, high-value, or manned space vehicles. The focus in all cases will be on defining a common approach to assuring the safety, reliability, and longevity of these devices. The result of this work will aid manufacturers in marketing their systems and should assure the primes and customers that the technology will meet their requirements.

The FRSL Working Group Chairman is Mr. James Chang of Aerospace Corporation. Mr. Chang can be contacted at [james.b.chang@aero.org](mailto:james.b.chang@aero.org), or, if you prefer, you can call him at (310) 336-5625.

Air Force Research Laboratory  
Dr. Jerry Fausz  
Flywheel Program Manager

NASA Glenn Research Center  
Mr. Kerry McLallin  
Flywheel Program Manager

# **Flywheel Rotor Safe-Life (FRSL) Program 1<sup>st</sup> Working Group Meeting**

**Place:**  **THE AEROSPACE  
CORPORATION**  
**Engineering Building (D-8)**  
**200 N. Aviation Blvd**  
**El Segundo, California**

## **Tentative Meeting Agenda**

### **June 12, 2001**

09:00-09:05	Welcome (Aerospace)
09:05-09:15	Government Overview (NASA/GRC& AF/RL)
09:15-10:30	Introductory Presentation (All)
10:30-10:45	Coffee Break
10:45-11:15	FRSL Working Group Overview (Jim Chang)
11:15-12:00	Open Discussion on Issues, Session #1 (All) (Objectives, End Product, Organization, etc.)
12:00-13:00	Lunch
13:00-14:45	Tour to Aerospace Labs (Howard Katzman)
15:00-15:30	AIAA Overview (Jim French)
15:30-17:00	Open Discussion on Issues, Session #2 (All) (Proprietary Data, ITAR concerns, etc.)

### **June 13, 2001**

08:30-09:30	On Going Program Presentations (TBD)
09:30-10:00	Draft Burst Ring Test Standard (Kevin Konno/Dave Cohen)
10:00-10:15	Coffee Break
10:15-12:00	Open Discussion on Issues, Session #3 (All) (TBD)
12:00-13:00	Lunch
13:15-14:15	Action Items Assignment/Next Meeting Planning (All)
14:15-15:00	Government Comments (NASA/GRC & AF/RL)
15:00	Meeting Adjourn